esp

A **Scolmore** GROUP Company

CAM01
CAM02
CAM03
CAM04
CAM05
CAM06
CAM07
CAM08

esp

IRDOME PRO

CCTV

CCTV

The ESP CCTV range offers the installer a practical range of security and observation solutions reflecting the best features of established and emerging CCTV technology. The range includes cameras with up to 700TVL resolution using the amazing Sony Effio-E image processor which allows precision set up in the most demanding situations.

IRDOME pro

BDeye

Combination CCTV Access Control System

The BDeye is a combined CCTV and video door entry solution in one small high design package ideally suited for the executive home or modern office. At the centre of the system is an 8" TFT monitor with a built in full feature DVR. The monitor feeds power to, and accepts video signals from, up to 4 internal or external CCTV cameras.

- 8" TFT monitor with built in slimline DVR
- 500GB hard drive
- LAN connection for remote viewing
- Touch panel controls
- High gloss white or black finish
- Desk or wall mounted
- Plug and play DIN cables
- 4 channel quad display
- Remote viewing via iPhone & Android App
- USB memory stick for data backup
- Up to two optional video entry call points
- Simple set up and operation

Contents of BDeye

1 x BDeye 8" TFT monitor
1 x BDeye camera with IR illumination
1 x BDeye remote control
1 x USB mouse and USB memory stick
1 x 15m cable
1 x Power supply unit

Remote viewing with MEyePro APP

WD Purple **Surveillance Hard Drive**
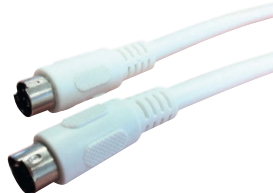
BDeye CAM

Additional camera for BDeye c/w 15m Cable

BDeye CAM

Additional video door entry call point for BDeye c/w 15m cable

BDeye CAM

BDeye CCab –
Additional 15m cable for BDeye Cam

BDeye VCab –
Additional 15m cable for BDeye VDE

WD Purple **Surveillance Hard Drive**

Simple remote viewing set-up via vMeyeCloud

Wireless connectivity to a wireless router with supplied USB adaptor

Digiview 4i Pro

4 Channel Networkable CCTV Systems

700TVL cameras, simple cloud connection for remote viewing, 960H capability and HDMI output allows the Digiview 4i Pro to maintain its market leading status in this popular format.

- 4 x 700TVL Day/Night cameras with infra red illumination
- Simple cloud connection for remote viewing via vMeyeCloud
- 500GB Integral hard drive
- Remote monitoring via wired or Wi-Fi network
- Mobile monitoring with Android or iPhone APP
- Triplex operation – Playback / Record / Remote view simultaneously
- VGA or HDMI output (leads supplied)
- Four recording options – Continuous / Scheduled / Motion / Sensor
- USB back up of recordings for easy evidence transfer
- Mouse driven comprehensive user interface
- Quad / Sequence / Single channel viewing
- Individual channel set up (recording and display)
- Silent fanless operation

Contents of Digiview 4 i Pro

1 x 4 channel DVR	1 x 2GB USB stick
4 x 700TVL cameras	1 x DVRWLA USB adaptor
4 x 20m camera cable	1 x installed 500GB hard drive
1 x 5 way power supply	

Digiview 8i Pro

8 Channel Networkable CCTV Systems

Digiview8i Pro offers the comprehensive capabilites of the Digiview4i Pro but with the opportunity to expand the system with up to four extra cameras.

- 4 x 700TVL Day/Night cameras with infra red illumination
- Simple cloud connection for remote viewing via vMeyeCloud
- 1TB Integral hard drive
- Remote monitoring via wired or Wi-Fi network
- Mobile monitoring with Android or iPhone APP
- Triplex operation – Playback / Record / Remote view simultaneously
- VGA or HDMI output (leads supplied)
- Four recording options – Continuous / Scheduled / Motion / Sensor
- USB back up of recordings for easy evidence transfer
- Mouse driven comprehensive user interface
- Quad / Sequence / Single channel viewing
- Individual channel set up (recording and display)
- Silent fanless operation

Contents of Digiview 8 i Pro

1 x 8 channel DVR	1 x 4 way power supply
4 x 700TVL cameras	1 x 2GB USB stick
4 x 20m camera cable	1 x installed 1TB hard drive
1 x 5 way power supply	1 x DVRWLA USB adaptor

Simple remote viewing set-up via vMeyeCloud

Wireless connectivity to a wireless router with supplied USB adaptor

WD Purple Surveillance Hard Drive

Digiview 4i ProD

4 Channel Networkable CCTV Systems

700TVL cameras, simple cloud connection for remote viewing, 960H capability and HDMI outputs allows the Digiview 4i Pro to maintain its market leading status in this popular format.

- 4 x 700TVL Day/Night mini dome cameras with infrared illumination
- Simple cloud connection for remote viewing via vMeyeCloud
- 500GB Integral hard drive
- Remote monitoring via wired or Wi-Fi network
- Four recording options – Continuous / Scheduled / Motion / Sensor
- Triplex operation – Playback / Record / Remote view simultaneously
- Mobile monitoring with Android or iPhone APP
- VGA or HDMI output (leads supplied)
- USB back up of recordings for easy evidence transfer
- Mouse driven comprehensive user interface
- Individual channel set up (recording and display)
- Quad / Sequence / Single channel viewing
- Silent fanless operation

Contents of Digiview 4 i ProD

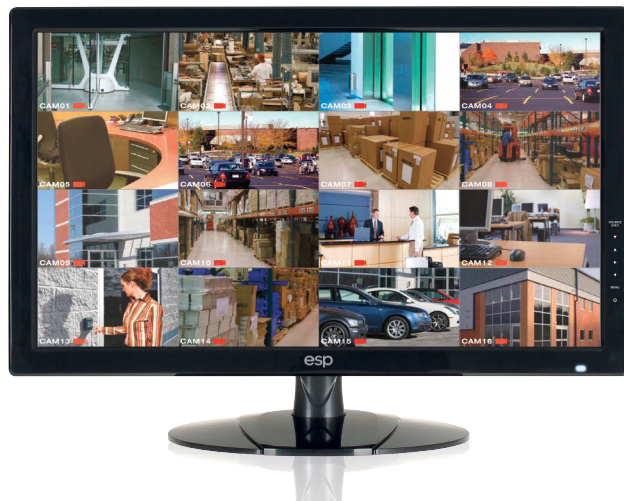|	
1 x 4 channel DVR	1 x 2GB USB stick
4 x 700TVL dome cameras	1 x DVRWLA USB adaptor
4 x 20m camera cable	1 x installed 500GB hard drive
1 x 5 way power supply	

Digiview 8i ProD

8 Channel Networkable CCTV Systems

Digiview8i ProD offers the comprehensive capabilites of the Digiview4i ProD but with the opportunity to expand the system with up to four extra cameras.

- 4 x 700TVL Day/Night mini dome cameras with infrared illumination
- Simple cloud connection for remote viewing via vMeyeCloud
- 1TB Integral hard drive
- Remote monitoring via wired or Wi-Fi network
- Four recording options – Continuous / Scheduled / Motion / Sensor
- Triplex operation – Playback / Record / Remote view simultaneously
- Mobile monitoring with Android or iPhone APP
- VGA or HDMI output (leads supplied)
- USB back up of recordings for easy evidence transfer
- Mouse driven comprehensive user interface
- Individual channel set up (recording and display)
- Quad / Sequence / Single channel viewing
- Silent fanless operation

Contents of Digiview8 i ProD

1 x 8 channel DVR	1 x 4 way power supply
4 x 700TVL dome cameras	1 x 2GB USB stick
4 x 20m camera cable	1 x DVRWLA USB adaptor
1 x 5 way power supply	1 x installed 1TB hard drive

MON23

23.6" LED CCTV Monitor

- ■ Energy efficient wide screen LED panel
- ■ Sleek black design
- ■ Full composite BNC video input
- ■ Video loop out via BNC
- ■ Additional HDMI, VGA and S-VIDEO video inputs

Size	23.6" LED
Aspect Ratio	16:9
Resolution (H x V)	1920 x 1080
Colors	16.7M
Viewing Angle	H: 170° V: 160°
Contrast Ratio	10000:1 (DCR)
Response Time	2ms
Speakers	2 each (2 watts)
Inputs	BNC, HDMI, VGA, Audio
Outputs	BNC, Audio
VESA Wall Hanging	100 x 100mm
Power Supply	AC100-240V~ 50/60 Hz 1.1A

MON21

21.5" LED CCTV Monitor

- ■ Energy efficient wide screen LED panel
- ■ Sleek black design
- ■ Full composite BNC video input
- ■ Video loop out via BNC
- ■ Additional HDMI, VGA and S-VIDEO video inputs

Size	21.5" LED
Aspect Ratio	16:9
Resolution (H x V)	1920 x 1080
Colors	16.7M
Viewing Angle	H: 170° V: 160°
Contrast Ratio	10000:1 (DCR)
Response Time	2ms
Speakers	2 each (2 watts)
Inputs	BNC, HDMI, VGA, Audio
Outputs	BNC, Audio
VESA Wall Hanging	100 x 100mm
Power Supply	AC100-240V~ 50/60 Hz 1.1A

MON18

18.5" LED CCTV Monitor

- ■ Energy efficient wide screen LED panel
- ■ Sleek black design
- ■ Full composite BNC video input
- ■ Video loop out via BNC
- ■ Additional HDMI, VGA and S-VIDEO video inputs

Size	18.5" LED
Aspect Ratio	16:9
Resolution (H x V)	1360 x 768
Colors	16.7M
Viewing Angle	H: 170° V: 160°
Contrast Ratio	10000:1 (DCR)
Response Time	2ms
Speakers	2 each (2 watts)
Inputs	BNC, HDMI, VGA, Audio
Outputs	BNC, Audio
VESA Wall Hanging	100 x 100mm
Power Supply	AC100-240V~ 50/60 Hz 1.1A

MON15

15.6" LED CCTV Monitor

- ■ Energy efficient wide screen LED panel
- ■ Sleek black design
- ■ Full composite BNC video input
- ■ Video loop out via BNC
- ■ Additional HDMI, VGA and S-VIDEO video inputs

Size	15.6" LED
Aspect Ratio	16:9
Resolution (H x V)	1360 x 768
Colors	16.7M
Viewing Angle	H: 170° V: 160°
Contrast Ratio	10000:1 (DCR)
Response Time	2ms
Speakers	2 each (2 watts)
Inputs	BNC, HDMI, VGA, Audio
Outputs	BNC, Audio
VESA Wall Hanging	100 x 100mm
Power Supply	AC100-240V~ 50/60 Hz 1.1A

IRCAM200 Pro

External Day/Night Camera

SONY Effio

- 700 TVL
- 6mm fixed lens
- Sony Effio-E image sensor
- OSD control button
- Up to 15m Infra Red illumination
- 12v DC 400mA (IR-on)
- Weatherproof IP66 rating

OSD Control Button | Day and Night | InfraRed Illumination | Weatherproof

TVL	700TVL
Image sensor	Sony Ex-View HAD CCD II -960H
DSP	Sony Effio-E enhanced
Shutter speed	1/50-1/120,000S
Lens type	Fixed CS Mount Lens (f=6mm)
Minimum illumination	0.001 Lux/F1.2; 0 Lux (IR ON)
S/N ratio	More Than 52dB (AGC OFF)
White Balance	ATW
Operating temp	-20°C To +50°C
Dimensions	150mm(L) x 90mm(W) x 83mm(H)
Weight Approx	800g
Power consumption	IR on 400mA
Power consumption	IR off 120mA
IP Rating	IP66

IRCAM600 Pro

External Day/Night Camera

SONY Effio

- 700 TVL
- 2.8-12mm varifocal lens
- Sony Effio-E image sensor
- OSD control button
- Up to 30m Infra Red illumination
- 12v DC 400mA (IR-on)
- Weatherproof IP66 rating

OSD Control Button | Day and Night | InfraRed Illumination | Varifocal Lens | Weatherproof

TVL	700TVL
Image sensor	Sony Ex-View HAD CCD II -960H
DSP	Sony Effio-E enhanced
Shutter speed	1/50-1/120,000S
Lens type	2.8-12mm Manual Vari-Focal Lens
Minimum illumination	0.001 Lux/F1.2; 0 Lux (IR ON)
S/N ratio	More Than 52dB (AGC OFF)
White Balance	ATW
Operating temp	-20°C To +50°C
Dimensions	150mm(L) x 90mm(W) x 83mm(H)
Weight Approx	1000g
Power consumption	IR on 400mA
Power consumption	IR off 120mA
IP Rating	IP66

IRCAM700 Pro

SONY Effio

External Day/Night Camera

- 700 TVL
- 9-22mm varifocal lens
- Sony Effio-E image sensor
- OSD control button
- Up to 50m Infra Red illumination
- 12v DC 400mA (IR-on)
- Weatherproof IP66 rating

| OSD Control Button | Day and Night | InfraRed Illumination | Varifocal Lens | Weatherproof |

TVL	700TVL
Image sensor	Sony Ex-View HAD CCD II –960H
DSP	Sony Effio-E enhanced
Shutter speed	1/50–1/120,000S
Lens type	9-22mm Manual Vari-Focal Lens
Minimum illumination	0.001 Lux/F1.2; 0 Lux (IR ON)
S/N ratio	More Than 52dB (AGC OFF)
White Balance	ATW
Operating temp	-20°C To +50°C
Dimensions	155(L) x 100mm(W) x 92(H)mm
Weight Approx	1000g
Power consumption	IR on 400mA
Power consumption	IR off 120mA
IP Rating	IP66

IRCAM900 Pro

SONY Effio

External Day/Night Camera

- 700 TVL
- 5-50mm varifocal lens
- Sony Effio-E image sensor
- OSD control button
- Up to 50m Infra Red illumination
- 12v DC 400mA (IR-on)
- Weatherproof IP66 rating

| OSD Control Button | Day and Night | InfraRed Illumination | Varifocal Lens | Weatherproof |

TVL	700TVL
Image sensor	Sony Ex-View HAD CCD II –960H
DSP	Sony Effio-E enhanced
Shutter speed	1/50–1/120,000S
Lens type	5-50mm Manual Vari-Focal Lens
Minimum illumination	0.001 Lux/F1.2; 0 Lux (IR ON)
S/N ratio	More Than 52dB (AGC OFF)
White Balance	ATW
Operating temp	-20°C To +50°C
Dimensions	185mm(L) x 105mm(H) x 95mm(H)
Weight Approx	800g
Power consumption	IR on 400mA
Power consumption	IR off 120mA
IP Rating	IP66

MINIDOME Pro

External/Internal Dome Camera

SONY Effio

- 700 TVL
- 2.8mm fixed lens
- Sony Effio-E image sensor
- OSD control button
- 12v DC 120mA
- Weatherproof IP65 rating

OSD Control Button | Fixed Lens | 360° Rotation | Weatherproof

TVL	700TVL
Image sensor	Sony Ex-View HAD CCD II -960H
DSP	Sony Effio-E enhanced
Shutter speed	1/50-1/120,000S
Lens type	Fixed Lens (f=2.8mm)
Minimum illumination	0.001 Lux/F1.2
S/N ratio	More Than 52dB (AGC OFF)
White Balance	ATW
Operating temp	-20°C To +50°C
Dimensions	94mm(¢) x 68mm(H)
Weight Approx	400g
Power consumption	120mA

IRDOME Pro

Internal Day/Night Camera

SONY Effio

- 700 TVL
- 4mm fixed lens
- Sony Effio-E image sensor
- OSD control button
- Up to 10m Infra Red illumination
- 12v DC 120mA

OSD Control Button | Day and Night | InfraRed Illumination | Fixed Lens | 360° Rotation

TVL	700TVL
Image sensor	Sony Ex-View HAD CCD II -960H
DSP	Sony Effio-E enhanced
Shutter speed	1/50-1/120,000S
Lens type	Built-in 4mm Fixed Lens
Minimum Illumination	0.001Lux / F1.2,0Lux (IR ON)
S/N Ratio	More Than 52dB (AGC OFF)
White Balance	ATW
Operating temp	-10°C To +45°C
Dimensions	95mm(¢) x85mm(H)
Weight Approx	200g
Power Requirement	DC12V±10 & 400mA

DOMEVF Pro

External/Internal Dome Camera

SONY Effio™

- 700 TVL
- 2.8-12mm varifocal lens
- Sony Effio-E image sensor
- OSD control button
- 12v DC 120mA

OSD Control Button | Varifocal Lens | 360° Rotation | Weatherproof

TVL	700TVL
Image sensor	Sony Ex-View HAD CCD II -960H
DSP	Sony Effio-E enhanced
Shutter speed	1/50-1/120,000S
Lens type	2.8-12mm Manual Vari-Focal Lens
Minimum illumination	0.001 Lux/F1.2
S/N ratio	More Than 52dB (AGC OFF)
White Balance	ATW
Operating temp	-20°C To +50°C
Dimensions	105mm(¢) x 70mm(H)
Weight Approx	500g
Power consumption	120mA
IP Rating	IP65

IRDOMEXT Pro

External Dome Camera

SONY Effio™

- 700 TVL
- 3.6mm fixed lens
- Sony Effio-E image sensor
- OSD control button
- Up to 8m Infra Red illumination
- 12v DC 400mA (IR-on)

OSD Control Button | Day and Night | InfraRed Illumination | Fixed Lens | 360° Rotation | Weatherproof

TVL	700TVL
Image sensor	Sony Ex-View HAD CCD II -960H
DSP	Sony Effio-E enhanced
Shutter speed	1/50-1/120,000S
Lens type	Fixed Lens (f=3.6mm)
Minimum illumination	0.001 Lux/F1.2; 0 Lux (IR ON)
S/N ratio	More Than 52dB (AGC OFF)
White Balance	ATW
Operating temp	-20°C To +50°C
Dimensions	L160 x W124 x H110 (incl. bracket)
Weight Approx	500g
Power consumption	IR on 400mA
Power consumption	IR off 120mA
IP Rating	IP65

IRDOMEXTVF Pro

External Dome Camera

SONY Effio

- 700 TVL
- 2.8-12mm varifocal lens
- Sony Effio-E image sensor
- OSD control button
- Up to 30M Infra Red illumination
- 12v DC 400mA (IR-on)

| OSD Control Button | Day and Night | InfraRed Illumination | Varifocal Lens | 360° Rotation | Weatherproof |

TVL	700TVL
Image sensor	Sony Ex-View HAD CCD II -960H
DSP	Sony Effio-E enhanced
Shutter speed	1/50-1/120,000S
Lens type	2.8-12mm Manual Vari-Focal Lens
Minimum illumination	0.001 Lux/F1.2; 0Lux (IR ON)
S/N ratio	More Than 52dB (AGC OFF)
White Balance	ATW
Operating temp	-20ºC To +50ºC
Dimensions	L178 x W138 x H129 (incl. bracket)
Weight Approx	800g
Power consumption	IR on 400mA
Power consumption	IR off 120mA
IP Rating	IP65

IRDOME3XVF Pro

External Dome Camera

SONY Effio

- 700 TVL
- 2.8 -12mm varifocal lens
- Sony Effio-E image sensor
- OSD control button
- Up to 10m Infra Red illumination
- 12v DC 400mA (IR-on)
- 3 axis mounting
- Vandal resistant

| OSD Control Button | Day and Night | InfraRed Illumination | Fixed Lens | 360° Rotation | Weatherproof |

TVL	700TVL
Image sensor	Sony Ex-View HAD CCD II -960H
DSP	Sony Effio-E enhanced
Shutter speed	1/50-1/120,000S
Lens type	2.8-12mm Manual Vari-Focal Lens
Minimum illumination	0.001 Lux/F1.2; 0Lux (IR ON)
S/N ratio	More Than 52dB (AGC OFF)
White Balance	ATW
Operating temp	-20ºC To +50ºC
Dimensions	120mm(¢) x 95mm(H)
Weight Approx	800g
Power consumption	IR on 400mA
Power consumption	IR off 120mA
IP Rating	IP65

PTZ10EXT

External Pan, Tilt & Zoom Camera

SONY Effio

- 650TVL Sony Effio-E CCD camera
- 5-50mm varifocal lens
- Full pan, tilt and zoom operation
- Full 360° rotation pan function
- 10 x optical zoom
- Up to 50m IR night illumination
- Complete with 2amp power supply
- IP66 weatherproof rating

InfraRed Illumination	360° Rotation	Weatherproof	Day and Night	Pan and Tilt	Varifocal Lens

Rated Voltage	12V DC
Max current	1.25A
IR effective distance	50M
Protection	IP66
Pan rotation	360° Endless rotation
Speed	Pan 0.6-200°/s Tilt 3.5-30°/s
Working conditions	-10°C - +50°C
Dimensions mm	150(W) x 235(H) x 205(D)

PTZ10INTW

Internal Pan, Tilt & Zoom Camera

SONY Effio

- 650TVL Sony Effio-E CCD camera
- 5-50mm varifocal lens
- Full pan, tilt and zoom operation
- Full 360° rotation pan function
- 10 x optical zoom
- Up to 40m IR night illumination
- Complete with 2amp power supply
- Wall mounting

InfraRed Illumination	360° Rotation	Day and Night	Pan and Tilt	Varifocal Lens

Rated Voltage	12V DC
Max current	1.25A
IR effective distance	40M
Pan rotation	360° Endless rotation
Speed	Pan 0.6-200°/s Tilt 3.5-30°/s
Working conditions	-10°C - +50°C
Dimensions mm	127.5(W) x 205(H) x 194(D)

PTZ10INTC

Internal Pan, Tilt & Zoom Camera

SONY Effio

- 650TVL Sony Effio-E CCD camera
- 5-50mm varifocal lens
- Full pan, tilt and zoom operation
- Full 360° rotation pan function
- 10 x optical zoom
- Up to 40m IR night illumination
- Complete with 2amp power supply
- Ceiling mounting

InfraRed Illumination · 360° Rotation · Day and Night · Pan and Tilt · Varifocal Lens

Rated Voltage	12V DC
Max current	1.25A
IR effective distance	40M
Pan rotation	360° Endless rotation
Speed	Pan 0.6-200°/s Tilt 3.5-30°/s
Working conditions	-10°C – +50°C
Dimensions mm	Ø 142 x 135(H)

PTZCON

Pan, Tilt And Zoom Controller

SONY Effio

- For use with PTZ Pro cameras
- Keyboard for programming and camera control
- Integrated LCD display
- 3D joystick for control of camera pan, tilt and zoom functions

Protocol	Pelco-P, Pelco-D, Panasonic, HikVision, Samsung, RULE, Dahua, SAE
Baud rate (bps)	1200, 2400, 4800, 9600, 19200
Max camera support	255
Controllers supported	16 in total (15 auxiliary)
Power supply	DC 12V±10%
Power consumption	6W MAX
Working temperature	0°C-50°C
Dimension	420 x 260 x 170mm

IRCAM40P

External Day/Night Camera

- 700 TVL
- 3.6mm fixed lens
- Up to 15m Infra Red illumination
- 12v DC 270mA (IR-on)
- Weatherproof IP65 rating

Day and Night	InfraRed Illumination	360° Rotation	Weatherproof

Resolution	700 TVL
Lens	3.6mm Fixed
Effective Pixels	NTSC: 510(H) x 492(V) PAL: 500(H) x 582(V)
LED Quantity	24 pcs
IR Range	Up to 15m
Minimum Illumination	0 Lux / F2.0. IR ON: 0 Lux
Back Light Comp.	ON
White Balance	Auto
Video Output	1 Vp-p 75 Ohm, F-Plug Connector
Input Voltage	DC12V +/- 10%
Input Current	90mA (IR off) / 270mA (IR on)
Operating Temp.	-10°C to 55°C
Operating Humidity	80% RH
IP Rating	IP65
Dimensions mm	Without bracket 58(W) x 85(D) x 55(H)

IRCAM200

External Day/Night Camera

- 420 TVL
- 6mm fixed lens
- Up to 15m Infra Red illumination
- 12v DC 350mA (IR-on)
- Weatherproof IP66 rating

Day and Night	InfraRed Illumination	360° Rotation	Weatherproof

Signal System	PAL
Effective Pixels	500(H) x 582(V)
Image sensor	1/3" SONY Super HAD CCD
Sensing Area	4.9mm x 3.7mm
Shutter Speed	1/50(1/60) ~ 1/100,000 SEC
Video Output	1.0Vp-p,75
Horizontal Resolution	420 TV Lines
Minimum Illumination	0.1LUX (F1.2)/0 LUX (in IR mode)
White Balance	Automatic White Balance
IR Capability	42 pcs IR-LED
IR Illumination Distance	More than 15m
Operating Temperature	-10~50°C
Water Resistance	IP 66
Lens	6mm/F2.0
Dimensions (mm)	66(¢) x 134(L)
Weight (kgs)	0.5
Power Source	DC12V
Power Consumption	120mA (IR OFF), 350mA (IR ON)

IRCAM600

External Day/Night Camera

- 560 TVL
- 2.8-12mm varifocal lens
- Up to 30m Infra Red illumination
- 12v DC 400mA (IR-on)
- Weatherproof IP66 rating

| Day and Night | InfraRed Illumination | 360° Rotation | Varifocal Lens | Weatherproof |

Signal System	PAL
Effective Pixels	752(H) x 582(V)
Image sensor	1/3" SONY Super HAD CCD
Sensing Area	4.9mm x 3.7mm
Shutter Speed	1/50(1/60) ~ 1/100,000 SEC
Video Output	1.0Vp-p,75
Horizontal Resolution	560 TV Lines
Minimum Illumination	0.01Lux (F1.2)/0.00LUX(inIR Mode)
White Balance	Automatic White Balance
IR Capability	42 pcs 5 IR-LED
IR Illumination Distance	More than 30m
Operating Temperature	-10~50°C
Water Resistance	IP 66
Lens	2.8-12mm Manual Varifocal
Dimensions (mm)	145(L) x 85(W) x 82(¢)
Weight (kgs)	0.65
Power Source	DC12V
Power Consumption	120mA (IR OFF), 400mA (IR ON)

IRCAM700

External Day/Night Camera

- 560 TVL
- 9-22mm varifocal lens
- Up to 50m Infra Red illumination
- 12v DC 500mA (IR-on)
- Weatherproof IP66 rating

| Day and Night | InfraRed Illumination | 360° Rotation | Varifocal Lens | Weatherproof |

Signal System	PAL
Effective Pixels	752(H) x 582(V)
Image sensor	1/3" SONY Super HAD CCD
Sensing Area	4.9mm x 3.7mm
Shutter Speed	1/50(1/60) ~ 1/100,000 SEC
Video Output	1.0Vp-p,75
Horizontal Resolution	560 TV Lines
Minimum Illumination	0.01Lux (F1.2) / 0LUX (IN IR MODE)
White Balance	Automatic White Balance
IR Capability	36 pcs 5 IR-LED
IR Illumination Distance	More than 50m
Operating Temperature	-10~50°C
Water Resistance	IP 66
Lens	9 to 22mm Manual Varifocal
Dimensions (mm)	255(L) x 100(W) x 185(H)
Weight (kgs)	1.05
Power Source	DC12V
Power Consumption	120mA (IR OFF), 500mA (IR ON)

IRCAM900

External Day/Night Camera

- 560 TVL
- 6–50mm varifocal lens
- Up to 50m Infra Red illumination
- 12v DC 500mA (IR-on)
- Weatherproof IP66 rating

Day and Night	InfraRed Illumination	360° Rotation	Varifocal Lens	Weatherproof

Signal System	PAL
Effective Pixels	752(H) x 582(V)
Image sensor	1/3" SONY Super HAD CCD
Sensing Area	4.9mm x 3.7mm
Shutter Speed	1/50(1/60) ~ 1/100,000 SEC
Video Output	1.0Vp-p,75
Horizontal Resolution	560 TV Lines
Minimum Illumination	0.2Lux (F1.2)/ 0LUX (in IR mode)
White Balance	Automatic White Balance
IR Capability	36 pcs IR-LED
IR Illumination Distance	More than 50m
Operating Temperature	-10~50°C
Water Resistance	IP 66
Lens	6 to 50mm Manual Varifocal
Dimensions (mm)	290(L)x 105(W)x 185(H)
Weight (kgs)	1.05
Power Source	DC12V
Power Consumption	120mA (IR OFF), 500mA (IR ON)

IRCAM1000

External Day/Night Camera

- 560 TVL
- 5–50mm varifocal lens
- Up to 50m Infra Red illumination
- 12v DC 800mA (IR-on)
- Weatherproof IP66 rating

Day and Night	InfraRed Illumination	360° Rotation	Varifocal Lens	Weatherproof

Signal System	PAL
Effective Pixels	752(H) x 582(V)
Image sensor	1/3" SONY Super HAD CCD
Shutter Speed	1/50(1/60) ~ 1/12 0,000 SEC
Video Output	1.0Vp-p,75
Horizontal Resolution	560 TV Lines
Minimum Illumination	0.00006(LUX) /0.00LUX(inIR Mode)
White Balance	Automatic White Balance
IR Capability	15 pcs 5 IR-LED
IR Illumination Distance	50m
Operating Temperature	-10~50°C
Water Resistance	IP 66
Lens	5 to 50mm Manual Varifocal
Dimensions (mm)	97(¢) x 200(L)
Weight (kgs)	2
Power Source	DC12V
Power Consumption	800mA max

IRCAM40PD

External/Internal Dome Camera

- 700 TVL
- 4mm fixed lens
- Up to 10m Infrared illumination
- 12v DC 300mA (IR-on)
- Weatherproof IP66 rating

Day and Night	InfraRed Illumination	Fixed Lens	360° Rotation	Weatherproof

Image Sensor	1/4'' Colour CMOS
Signal System	PAL
Resolution	700 TVL
Lens	4mm Fixed
Minimum Illumination	0 LUX (IR ON)
IR Range	Up to 10m
LED Quantity	10pcs
Video Output	1Vp-p 75 Ohms Y/C Separated
Connector Video	BNC
Operation Temperature	-20°C to +50°C
Supplied Power	12VDC (+/-10%)
IP rating	IP66
Dimensions mm	60(W) x 60(D) x 53(H)

MINIDOME

External/Internal Dome Camera

- 420 TVL
- 2.8mm fixed lens
- 12v DC 120mA
- Weatherproof IP65 rating

Fixed Lens	360° Rotation	Weatherproof

Image Sensor	1/3 SONY SuperHAD CCD
Effective Pixels	500(H)×582(V)
Signal System	PAL
Horizontal Resolution	420TV Lines
Scanning System	2:1 Interlace
Minimum Illumination	0.1Lux/F1.2
Electrical Shutter	NTSC: 1/60-1/120,000S PAL:1/50-1/120,000S
White Balance	ATW
Lens Mount	Built-in Fixed Lens(f=2.8mm)
Video Output	1.0Vp-p(75 ,Composite)
Power Requirement	DC12V±10 &200mA
Dimension	94mm( )×68mm(H)
Weight	Approx 400g
Storage Temperature	-30°C To +60°C
Operating Temperature	-10°C To +45°C

IRDOME

Internal Dome Camera

- 420 TVL
- 4mm fixed lens
- Up to 10m Infra Red illumination
- 12v DC 350mA (IR-on)

| Day and Night | InfraRed Illumination | Fixed Lens | 360° Rotation |

Image Sensor	1/3" Colour SONY CCD
Effective Pixels	PAL: 500(H) x 582(V) NTSC: 510(H) x 492(V)
Signal System	PAL/NTSC
Resolution	420TVL
Minimum Illumination	0.2Lux/F2.0, 0Lux (IR On)
LENS	Board Lens 4mm
Electronic Shutter Speed	PAL:1/50~1/100,000(sec) NTSC: 1/60 – 1/100,000 (sec)
White Balance	ATM
Day & Night	Auto
Infrared Luminary	24 pcs IR-LED
Illumination Distance	10m
Video Output	1.0Vp-p,75
Power Requirement	DC12V
Power Consumption	120mA(IR OFF), 350±5%mA(IR ON)
Operation Temp.	-10°C ~50°C
Dimensions (mm)	95(¢) x 85(H)
Weight	Approx 170g

IRDOMEXT

External Dome Camera

- 420 TVL
- 4mm fixed lens
- Up to 8m Infra Red illumination
- 12v DC 300mA (IR-on)

| Day and Night | InfraRed Illumination | Fixed Lens | 360° Rotation | Weatherproof |

Effective Pixels	500(H) X 582(V)
Image sensor	1/3" SONY Super HAD CCD
Sensing Area	4.9mm X 3.7mm
Shutter Speed	1/50(1/60) ~1/100,000 SEC
Video Output	1.0 V P-P OHMS
Horizontal Resolution	420 TV Lines
Minimum Illumination	0.5LUX(F1.2) / 0.00LUX (IN IR MODE)
White Balance	Automatic White Balance
IR Capability	14 pieces IR-LED
IR Illum. Distance	More than 8m
Burst Level	1/50
Operating Temp.	-10~50°C
Water Resistance	IP 65
Lens Board Lens	3.6mm/F2.0
Dimensions (mm)	L160 x W124 x H110 (incl. bracket)
Weight	730g approx.
Power Source	DC12V
Power Consumption	120mA (IR OFF) 300mA (IR ON)

DOMEVF

External/Internal Dome Camera

- 420 TVL
- 2.8-12mm varifocal lens
- 12v DC 120mA
- Weatherproof IP65 rating

Signal System	PAL
Effective Pixels	500(H) x 582(V)
Image sensor	1/3" SONY Super HAD CCD
Sensing Area	4.9mm x 3.7mm
Shutter Speed	1/50(1/60) ~1/100,000 SEC
Video Output	1.0 Vp-p , 75
Horizontal Resolution	420 TV Lines
Minimum Illumination	0.1 LUX (F1.2)
White Balance	Automatic White Balance
Burst Level	1/50
Operating Temperature	-10~50°C
Water Resistance	IP 65
Lens	2.8-12mm Manual Varifocal
Dimensions (mm)	105(¢) x 75(H)
Weight (kgs)	0.4
Power Source	DC12V
Power Consumption	120mA

IRDOMEXTVF

External Dome Camera

- 560 TVL
- 2.8-12mm varifocal lens
- Up to 30M Infra Red illumination
- 12v DC 450mA (IR-on)
- Weatherproof IP65 rating

Signal System	PAL
Effective Pixels	752(H) x 582(V)
Image sensor	1/3" SONY Super HAD CCD
Sensing Area	4.9mm x 3.7mm
Shutter Speed	1/50(1/60) ~ 1/100,000 SEC
Video Output	1.0Vp-p,75
Horizontal Resolution	560 TV Lines
Minimum Illumination	0.01Lux (F1.2)/0.00LUX(IN IRMode)
White Balance	Automatic White Balance
IR Capability	42 pcs ¢ IR-LED
IR Illumination Distance	More than 30m
Operating Temperature	-10~50°C
Water Resistance	IP 65
Lens	2.8-12mm Manual Varifocal
Dimensions (mm)	L178 x W138 x H129 (incl. bracket
Weight (kgs)	0.7
Power Source	DC12V
Power Consumption	120mA (IR OFF), 450mA (IR ON)

C-CLOCK

Clock Covert Camera

- 420TVL
- 4mm fixed lens
- 12v DC 120mA
- For Covert Surveillance applications

TV system	PAL
No. of Pixels	500(H) x 582(V)
Scanning Frequency	15.625Khz (H) x 50Hz (V)
Shutter Speed	1/50 ~ 1/100,000 sec
Image Pick-up Device	1/3" Sony Super HAD Colour CCD
Horizontal Resolution	380 TV Lines
Min. Illumination	0.1 Lux (F:1.4)
Video Output	Composite Video 1.0 V P-P/75
Burst Level	40 IRE
Lens	4mm Fixed
Power Source	DC 12V 300mA Regulated Power Supply
Power Consumption	2.5W (normal)
Dimensions	270mm (Diameter) x 40mm (L)
Cable	BNC
Weight	570G

SPYCAM

Spy Camera

- 420TVL
- 3.6mm fixed lens
- 12v DC 120mA
- For Covert Surveillance applications
- Complete with additional optional pin hole lens

Signal	PAL
Effective Pixels	500(H) x 582(V)
Image sensor	1/3" SONY Super HAD CCD
Sensing Area	4.9mm x 3.7mm
Shutter Speed	1/50(1/60) ~ 1/100,000 SEC
Video Output	1.0Vp-p,75
Horizontal Resolution	420 TV Lines
Min. Illumination	0.1LUX (F1.2)/0 LUX (in IR mode)
Operating Temperature	-10~50°C
Lens	3.6mm/F2.0
Option Pinhole Lens	3.7mm/F2.0
Dimensions (mm)	38(L) x 38(W)
Weight (kgs)	0.02
Power Source	DC12V
Power Consumption	120mA

CAMERA SELECTION GUIDE

To select the correct camera consider if the location is internal or external (bear in mind that external cameras are also suitable for internal use). Decide which lens size will achieve the desired image from the grid and then choose either the standard camera or Pro version where available.

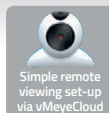| Distance from Camera (meters) / Viewing Capability	< 3 meters > Lens size required	< 10 meters > Lens size required	< 15 meters > Lens size required
10	9-22mm	2.8-12mm	2.8-12mm
20	5-50mm	9-22mm	4-9mm
30	5-50mm	9-22mm	9-22mm
50	N/A	5-50mm	9-22mm

DVR4iP

4 Channel Network DVR

- Network capability with Wi-Fi connectivity option
- Silent operation
- Complete with 500GB HD – optional upgrade available
- 960H capability
- HDMI and VGA outputs
- USB stick, mouse and 1 x 5 way power supply included

WD Purple Surveillance Hard Drive

Simple remote viewing set-up via vMeyeCloud

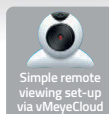**DVRWLA optional**
Wireless connection to a wireless router

DVR8iP

8 Channel Network DVR

- Network capability with Wi-Fi connectivity option
- Silent operation
- 960H capability
- Complete with 1TB HD – optional upgrade available
- HDMI and VGA outputs
- USB stick, mouse, 1 x 5 and 1 x 4 way power supply included

WD Purple Surveillance Hard Drive

Simple remote viewing set-up via vMeyeCloud

DVRWLA optional
Wireless connection to a wireless router

Camera Input	DVR4iP - 4 Channel DVR8iP - 8 Channel		Network Interface	10/100 Ethernet
Video Input	DVR4iP - 4 x BNC DVR8iP - 8 x BNC		Network Protocol	TCP/IP, PPPOE, DDNS, UPNP, FTP and NTP
Video Output	HDMI - VGA - BNC		Network Application system)	Windows XP/VISTA/7/8 (PC Client
Audio Input	1 x RCA		Network 3G / GPRS	Windows mobile; iPhone; Blackberry; Symbian; Android system and 3G
Audio Output	1 x RCA		Motion Detection	Detected Frames: Unlimited / Channel Sensitivity: 6 levels for each channel Area: 192 (16x12) surveyed area, Programmable individually
Operating System	Embedded Linux OS			
Internal HDD	Supports 1 SATA Device (HDDx1), up to 2TB			
Serial Interface	RS-485			
USB	2 x USB connectors		DVR/OSD Control GUI	16-bit True Color
Dimension mm)	250 x 225 x 45mm (L x W x H)		DVR/OSD Control Languages	English, French, Portugal, Russia, Italian, Spanish, Thai, Greek, Japanese, German, Turkish, Polski , Finnish and Farsi.Chinese (28 Languages)
Weight (w/o HDD/DVD±RW)	1.0 Kg			
Adaptor Input	100~240V, Output 12V 5A			
Power Source	60 W			
Display Speed	DVR4iP - 100 fps (PAL) DVR8iP - 200 fps (PAL)		DVR/OSD Camera Title	English/number
			DVR/OSD Mouse	YES
			DVR/OSD Remote Controller	IR Remote Control
Display Resolution (Pixel)	704 X 576 (PAL)		DVR/OSD System Upgrade	via USB / Network
Recording Compression	H.264 main profile		DVR/OSD Pan/Tilt/Zoom Control	Control From RS485 Interface

DVR8iPro

8 Channel Network DVR with DVD-RW Drive

- DVD and USB back up
- Network capability
- VGA output
- Complete with 1TB HDD – optional upgrade available
- Remote control
- USB stick & mouse included

DVR16iPro

16 Channel Network DVR with DVD-RW Drive

- DVD and USB back up
- Network capability
- VGA output
- Complete with 1TB HDD – optional upgrade available
- Remote control
- USB stick & mouse included

SYSTEM	
Format	H.264 main profile Hi3515
Master processor	Technical grade embedded micro controller
O.S.	Embedded Linux operation
System resources	Multichannel real-time recording, playback, multi users network ops, simultaneously. USB backup output
INTERFACE	
Operation	16 bit true colour graphical operation interface, Interface support mouse operation
VIDEO	
Video standard	PAL (625TVLine, 50fps); NTSC (525TVLine, 60fps)
Monitoring quality	PAL, D1 (704x576); NTSC, D1(704x480)
Code capacity	CIF: 400FPS PAL, 480fps NTSC
Motion detection	396(22x18) surveyed area can be set in everyone frame; Multilevel sensitivity can be set
Video output	1 channel BNC, 1.0Vp-p, 75 Ohm, 1 channel VGA output
Audio input	DVR16iPro - 4 channel RCA, 200-2800mV, 30K DVR8iPro - 8 channel RCA
Audio output	1 channel RCA
Alarm output	1 channel
Network	I.E. viewing, supports Windows mobile, Symbian, iPhone and black berry, Android cell phone viewing; Central Management System (CMS)

PTZ	1 x RS485
USB	2 x USB interface
HDD	2 x SATA supports 2TB, DVD-R/RW
WiFi, 3G	Yes
AUDIO	
Audio compression	G711A
VoIP	Yes
RECORDING & PLAYBACK	
Recording mode	Manual/alarm/motion detection/timing
Recording search	Time point, calendar, event, channel
STORAGE AND BACK UP	
Occupation HDD	Audio: 28.8Mbyte/ hour + video: space in channels 25~450Mbyte/hour
Record storage	DVD-R/RW, Local HDD, DVD-R/RW and network
Backup mode	DVD-R/RW, Network, USB HDD, USB DVD-R/RW
OTHER	
Power	12V/4.15A external adaptor
Dissipation	<10W (w/o HDD)
Working temp.	0 degree – 55 degree
Working humidity	10% – 90%
Dimension	353 x 325 x 61 mm
Weight	3.8KG/carton

POWERCAT

4, 8 and 16 Channel Power Video Hubs

Available in 4, 8 and 16 channel variants they support power to the cameras and video signal from the cameras up to 300m across Cat5e or Cat6 cable.

- CAT5 cabling solution for 12vDC CCTV installations
- Simply create correct length CAT5 cable run with RJ45 plugs to complete system
- Kit includes camera transmitter baluns and pre made BNC links to DVR
- 12vDC power for camera up to 1amp (1000ma) per channel

EZ-WF

Wirefree Video Signal Transmitter

Designed to provide a digital wire free solution for the transmission of a video signal where a cable run would be expensive or troublesome.

- 150M open field range
- Stable digital transmission
- FCC approved
- Pre coded pairing
- Up to 4 units in single location
- IP66 rated housings
- Wired output available on transmitter

TMPRO

Handheld Test Monitor

- 3.5" TFT low reflection screen
- 12vDC 400ma power output for camera
- Lithium rechargeable (5 hours working time)
- Integral CAT5 cable checker
- Durable design with quality carry case
- Handheld or wrist mount

Display	3.5"TFT Color LCD
Image Resolution	640 x 480
Video In	1 Video In (BNC connector)
Power Out	1 DC power out (Support CCD camera of power source/Max electric currency 400mA)
System Format	NTSC / PAL
Status Indicator	2 LED (Power IND = Green / Charging IND = Red)
Power Source	Built-in rechargeable Lithium battery
Dimension mm	180 (L) x 98 (W) x 30 (H)
Weight	250g

Ideal for use with ESP Pro range cameras

Boxed Power Supplies

CPS4 - 4 way 4 Amp - 182(W) x 260(H) x 66(D)mm
CPS9 - 9 way 9 Amp - 322(W) x 322(H) x 86(D)mm
CPS16 - 16 way 16 Amp - 322(W) x 322(H) x 86(D)mm

- 12VDC power limited output
- Protected outputs
- 100VAC-240VAC (50/60Hz) universal input
- Filtered and electronically regulated output
- Short circuit and thermal overload protection
- AC input and DC output LED indicators

PSIL1

Camera Power Supply

- For use with CCTV cameras
- 12 volt
- 1 amp

BALUNV

Balun Twin Pack

- 1 Channel mini passive video balun

Dual Function, Power and BNC Video Cables

CAB10 - 10m cable
CAB20 - 20m cable
CAB40 - 40m cable
CAB80 - 80m cable

CAB-BNC connector for use with cables above

TFT-BRA1

Fixed Bracket

- TFT-BRA1
- Closest to wall fit
- Picture style finish
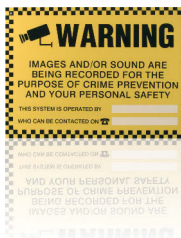- To fit screens 12-23" (30-58cm)
- Supports 20kg (44lbs)

TFT-BRA2

Tilt, Pivot & Rotate Bracket

- 27° tilt 180° swivel
- Close to wall fit
- To fit screens 12-23" (30-58cm)
- Supports 20kg (44lbs)

DOMEDUMMY

Dummy Dome Camera

- Medium external dummy camera
- Optional red LED
- Battery housed internally

CAM2001

External Dummy Camera

- Medium external dummy camera
- Optional red LED
- Dimensions (mm)
  245L x 100W x 185H
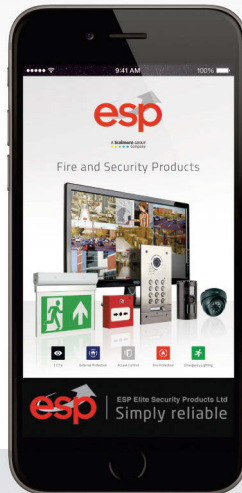- Battery housed in junction box

WARN1

External Warning Sign

- External durable use
- Dimensions 420mm x 300mm
- Space available to add scheme ownership details

esp

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E&OE – Errors and omissions excepted